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(54) Oil detecting system

(57) An oil detecting system for detecting a leakage oil, for example, from parts and equipments of a vehicle and a plant comprises an irradiation apparatus for irradiating a light including an absorption wavelength of an oil to be detected and exciting molecules of the oil to make the oil fluoresce, a wavelength selection apparatus operatively connected to the irradiation apparatus and adapted to select a fluorescence wavelength of the leakage oil fluoresced by the irradiation apparatus, and an observation apparatus for detecting the fluorescence of the leakage oil and selecting only a period of fluorescing the leakage oil. A processing apparatus may be further provided so as to be operatively connected to the observation apparatus and adapted to process an image or a signal from the observation apparatus.

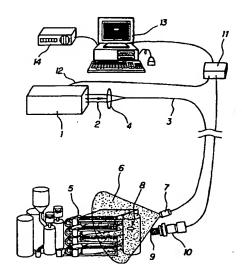


FIG. I

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EUROPEAN SEARCH REPORT

Application Number

EP 97 10 7632

Category	Citation of document with in	dication, where appropriate,	Relevan	CLASSIFICATION OF THE	
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